

22(1)

SOV/3-59-4-4/42

AUTHOR: Khrenov, L.S., Doctor of Geographical Sciences, Professor

TITLE: For Scientific Cooperation of Related Chairs

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 4, pp 19-21 (USSR)

ABSTRACT: The chairs of a distinctive outline possess a considerable staff of instructors and are furnished with ample funds for equipment. At several vuzes these chairs have at their disposal problem laboratories with a staff of workers who are released from teaching work. The chairs of no distinctive outline are in a different position, but their instructors are also obliged to carry on scientific work. There are many of these latter chairs, and the number of their instructors is considerable. It is therefore important to find ways of organizing their scientific work which would ensure the most effective results. Because of the small number of instructors, the chairs of non-distinctive outline are often unable to conduct serious researches. One of the measures to eliminate this shortcoming would be to unite the staffs of related chairs of various vuzes,

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AUTHORS:

1) Khrenov, L. S., Professor, 2) Gan'shin, V. N., Docent SOV/154-59-4-15/17

TITLE:

Theoretical and Practical Problems of the Application of Geodesy in Industrial Architecture (Voprosy teorii i praktiki primeneniya geodezii v promyshlennom stroitel'stve)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1959, Nr 4, pp 123 - 128 (USSR)

ABSTRACT:

This is a book review of a monograph by Professor B. I. Gerzhula. In this monograph the scientific elaboration of questions from theory and practice on the application of geodesy in the field of industrial architecture is given. In the introduction the author analyses the importance of geodesy for the erection of engineer constructions and industrial constructions and defines the concept of the general plan and of the basic principles for the planning of the building site of industrial constructions. The book consists of three chapters. The first chapter deals with the question of the application of geodesy for the setting-up of a plan for the organisation of the ground for an industrial building. The second chapter discusses the application of the general-

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Theoretical and Practical Problems of the Application SOV/154-59-4-15/17
of Geodesy in Industrial Architecture

plan project to nature and the constructions of buildings. The third chapter is dedicated to the preparation and establishment of the executive general plan for industrial construction. The various statements are discussed here and some critical remarks concerning the work are made, which as such is very valuable and useful. There are 5 Soviet references.

ASSOCIATION: 1) Moskovskiy institut inzhenerov vodnogo khozyaystva (Moscow Institute for Water Engineers) 2) Stalingradskiy institut inzhenerov gorodskogo khozyaystva (Stalingrad Institute for Municipal Engineers)

SUBMITTED: October 20, 1958

Card 2/2

KHRENOV, L.S., doktor geograf.nauk

Read these books ("Children's encyclopedia." Reviewed by
L.S. Khrenov). IUn.nat. no.5:12 My '59. (MIRA 12:6)
(Earth) (Children's literature)

GUL', Sergey Mikhaylovich; KAMENEV, Nikolay Pavlovich; KOPYLOV, Boris Mikhaylovich; KRUKOVSKIY, Ignat'iy Vladislavovich; NEDOSEKIN, Dmitriy Fedorovich; SEMERIKOV, Ivan Vasil'yevich; BARINOV, V.A., prof., doktor, rezensent; KHRENOV, L.S., prof., doktor, rezensent; KRAZHOVSKHUKOV, A.N., prepodavatel', retsenzenter; POLUNICHEV, I.A., red. izd-va; BACHURINA, A.M., tekhn. red.

[Laboratory manual of geodesy] Rukovodstvo dlja prakticheskikh zaniatii po geodezii. Moskva, Goslesbumizdat, 1960. 266 p. (MIRA 14:7)

1. Moskovskiy lesotekhnicheskiy institut (for Barinov). 2. Moskovskiy institut inzhenerov vodnogo khozyaistva imeni Ye.R.Vil'yamza (for Khrenov). 3. Tsentral'nyy zaochnyy lesotekhnicheskiy tekhnikum (for Krasnoshchekov)

(Surveying—Handbooks, manuals, etc.)

KHRENOV, Leonid Sergeyevich, prof.; SHCHERBINA, I.S., red.; SAMSONENKO, L.V., red.; AKHILAMOV, S.N., tekhn.red.

[Tables of trigonometrical functions having six numbers; containing natural values of six trigonometrical functions for each $10'$ from $0'$ to $360'$, values of cotangents and cosecants for each $1''$ from $0''$ to $3'05''$ and values of $\sin^2 \frac{\alpha}{2}$ and $\operatorname{tg}^2 \frac{\alpha}{2}$ from $0'$ to $180'$] Shestiznachnye tablitsy trigonometricheskikh funktsii; soderzhashchie natural'nye znachenija shesti trigonometricheskikh funktsii cherez kazhdye $10'$ ot 0 do $360'$, znachenija kotangensov i cosekansov cherez $1''$ ot 0 do $3'05''$ i znachenija $\sin^2 \frac{\alpha}{2}$ and $\operatorname{tg}^2 \frac{\alpha}{2}$ ot 0 do $180'$. Moskva, Gos. izd-vo fiziko-matem.lit-ry, 1960. 372 p. (MIRA 13:12) (Trigonometrical functions--Tables, etc.)

3(4), 25(2)

AUTHORS: Gan'shin, V. N., Khrenov, L. S.

S/006/60/000/02/018/024
B007/B011

TITLE:

On the Book by B. D. Yarovoy "Kratkiy ocherk razvitiya geodesicheskogo instrumentostroyeniya v SSSR" (Brief Outline of the Development of the Geodetic Instrument Construction in the USSR") ✓

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 2, pp 65-68 (USSR)

ABSTRACT: This is a book review. The book consists of two parts, the first covers the time until 1917, the second from 1917 to 1950. It is written well and clearly, is amply illustrated with pictures, drawings and figures. A number of deficiencies, to be taken account of in the next edition, is pointed out here. The second part is only briefly outlined, and whole groups of instruments are left unconsidered. The following Russian names are mentioned in the first part: mechanic V. F. Gerbst, geodesist P. A. Mionchinskiy, Yu. V. Port, Tenner, mechanic G. K. Brauer, N. Ya. Tsinger, Repsol'd, colonel Ernfel't, astronomist V. K. Delen, O. V. Struve, Sire, Roskovich, the firm Gerlyakh, Ginsberg, the factories of Tryndin, Gromov and Tauber-Tsvetkov, mechanic P. A. Zarubin, engineer V. T. Odner. ✓

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On the Book by B. D. Yarovoy "Kratkiy ocherk razvitiya S/006/60/000/02/018/024
geodezicheskogo instrumentostroyeniya v SSSR" ("Brief B007/B011
Outline of the Development of the Geodetic Instrument Construction in
the USSR")

prince Volkonskiy. The article by B. A. Larin is mentioned
for the time after 1917. There are 1 figure and 4 Soviet
references.

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GAN'SHIN, Vladimir Nikolayevich; KHRENOV, Leonid Sergeyevich, prof.;
LARCHENKO, Ye.G., red.; MEL'NIKOVA, A.G., red. izd-va;
PARAKHINA, N.L., tekhn. red.

[Tachymetric tables for calculating heights and ground distances
using a circular tachymeter and alidade] Takheometricheskie tab-
litsy dlia vychislenii prevyshenii i gorizontal'nykh prolozhennii
pri rabote s krugovym takheometrom i kipregelem. Izd.3., dop.
Moskva, Goslesbumizdat, 1961. 251 p. (MIRA 15:1)
(Surveying—Tables etc.)

GAN'SHIN, Vladimir Nikolayevich; KHNENOV, Leonid Sergeevich, prof.;
LARCHENKO, Ye.G., red.; VASIL'YEV, V.I., red.izd-va;
ROMANOVA, V.V., tekhn.red.

[Tables for geodetic leveling] Tablitsy dlja geodezicheskogo
nivelirovaniia. Moskva, Izd-vo geodes.lit-ry, 1961. 132 p.
(MIRA 15:2)
(Surveying--Tables, etc.)

HELIKOV, Yevgeniy Fedorovich, dots.; KHRENOV, L.S., prof.; SHAMAROVA, T.A., red. izd-va; SUNGUROV, V.S., tekhn. red.

[Bibliographical index of geodetic literature for the 40-year period, 1917-1956] Bibliograficheskii ukazatel' geodezicheskoi literatury za 40 let; 1917-1956. Pod red. L.S.Khrenova. Moskva, Izd-vo geod. lit-ry, 1961. 535 p.
(Bibliography—Surveying) (MIRA 15:2)

16 6500

39333
S/035/62/000/007/078/083
A001/A101

AUTHORS: Khrenov, L. S.; Gan'shin, V. N.

TITLE: Fundamental tables of natural values of trigonometric functions

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 29,
abstract 7G214 ("Dokl. Mosk. s.-kh. akad. im. K. A. Timiryazeva",
1961, no. 67, 247 - 257)

TEXT: The authors discuss the problems of precision of multi-digit tables for natural values of trigonometric functions. They point out that fundamental 10-digit tables are being devised which are compiled according to the principle of retaining 10 non-zero digits. The first part of the planned tables contains natural values of functions cosec and ctg for arguments from 0 to 6° with intervals of one arc second. Second differences are presented for square interpolation. The second part contains natural values of all six trigonometric functions for angles from 0 to 45° with intervals of $10''$. In these tables, all first and second differences are given for arguments from 0 to 6° for functions sin, tg, sec and cos, but for functions cosec and ctg no table differences are given, which indicates the necessity of using, in interpolations, the values

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Fundamental tables of...

S/035/62/000/007/078/083
A001/A101

of these functions placed in the first part of the tables. Only first differences are given for functions sin, tg, sec and cos for arguments from 6 to 10°, but all values of first and second differences are given for functions cosec and ctg for each 10" interval. Only first differences are given for all six functions from 10 to 45°. The content is illustrated by graphs and tables.

I. Shelikhova

[Abstracter's note: Complete translation]

Card 2/2

KHRENOV, Leonid Sergeyevich, prof.; RYVKIN, A.Z., red.; AKSEL'ROD,
I.Sh., tekhn. red.

[Five-digit tables of trigonometric functions containing the natural values of six trigonometric functions at intervals of 1' from 0° to 360° and the cotangent and cosecant values at intervals of 1" from 0°00' to 1°00' and at intervals of 10" from 1° to 10°] Piatiznachnye tablitsy trigonometricheskikh funktsii soderzhashchie natural'nye znachenija shesti trigonometricheskikh funktsii cherez 1' ot 0 do 360° i znachenija kotangensov i kosekansov cherez 1" ot 0°00 do 1°00 i cherez 10" ot 1 do 10°. Izd.4. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1962. 102 p. (MIRA 15:7)
(Trigonometrical functions)

KHRENOV, Leonid Sergeyevich, prof.; NEDESHEVA, Lyudmila Pavlovna;
VINOGRADOVA, Valeriya Arsen'yevna; GOLUBKIN, Vladimir
Mikhaylovich; SHURYGINA, A.I., red. izd-va; ROMANOVA, V.V.,
tekhn. red.

[Handbook on calculating analytical nets] Rukovodstvo po vy-
chisleniem analiticheskikh setei. Moskva, Geodesizdat,
1962. 247 p. (MIRA 15:9)

(Triangulation)

KHRENOV, Leonid Sergeyevich, prof.; SHURYGINA, A.I., red. izd-va;
ROMANOVA, V.V., tekhn. red.

[Lectures on geodesy; errors in measurements, local nets,
leveling] Lektsii po geodezii; oshibki izmerenii, seti mest-
nogo znacheniia, nivelirovaniye. Moskva, Geodezizdat, 1962.
111 p.

(MIRA 15:12)

(Geodesy)

KHRENOV, Leonid Sergeyevich, prof.; Prinimal uchastiye ZAPRUDNOV,
B.D., inzh.; KAMENEV, N.P., dots., ofitsial'nyy retsenzent;
SHAROV, I.F., ofitsial'nyy retsenzent; BRUYEVICH, N.I.,
nauchnyy red.; LYAKHOVICH, Ye.A., red.; SHIBKOVA, R.Ye.,
tekhn. red.

[Geodesy] Geodezija. Izd.2. Moskva, Goslesbumizdat, 1962.
476 p. (MIRA 16:6)

1. Vsesoyuznyy zaochnyy lesotekhnicheskiy institut (for
Kamenev). 2. Khrenovskiy lesnoy tekhnikum (for Sharov).
(Geodesy)

KHRENOV, L.S., prof.

Every river should have its own passport. IUn.nat. no.7:22
J1 '62. (MIRA 15:8)
(School excursions)

KHRENOV, Leonid Sergeevich; GAN'SHIN, V.N., red.; RYJKIN, A.Z., red.;
AKSEL'ROD, I.Sh., tekhn. red.

[Small calculating machines] Malye vychislitel'nye mashiny;
kratkoе spravochnoe rukovodstvo. Izd.3., perer. Moskva,
Fizmatgiz, 1963. 212 p. (MIRA 16:8)
(Calculating machines)

GAN'SHIN, V.N., prof.; KHRENOV, L.S., prof.

Surveying in railroad work. Transp. stroi. 14 no. 3;
58-60 Mr '64. (MIRA 17:6)

GAN'SHIN, Vladimir Nikolayevich, prof.; LEBEDEV, Sergey Mikhaylovich, prof.; KHRENOV, Leonid Sergeyevich, prof.; ZUBRITSKIY, I.V., prof., retsentent [deceased]; KANIVETS, M.A., dots., retsentent

[Laboratory manual on surveying] Praktikum po geodezii. Moskva, Nedra, 1964. 414 p. (MIRA 17:9)

DURNEVA, Polina Ivanovna; KHRENOV, L.S., red.

[Tables for the computation of horizontal projections and elevations in the operation of DD3 and DD5 range-finders for angles of slope $\alpha = 0^\circ$ to 300°] Tablitsy dlia vychisleniya gorizontalykh prolozhenii i prevyshenii pri rabote s dal'nomerami DD3 i DD5 dlia uglov naklona α ot 0° do 30° .
Moskva, Nedra, 1964. 141 p. (MIRA 17:9)

RYVKIN, Al'bert Anatol'yevich; RYVKIN, Anatoliy Zalmanovich;
KHRENOV, Leonid Sergeyevich, prof.; KUZNETSOVA, L.G., red.

[Mathematical handbook for correspondence students of
secondary technical schools] Spravochnik po matematike dlia
uchashchikhsia-zaochnikov srednikh spetsial'nykh uchebnykh
zavedenii. Moskva, Vysshiaia shkola, 1964. 519 p.
(MIRA 18:2)

KIRENOV, Leonid Sergeyovich, prof.; RYVIN, A.Z., red.

[Six-place tables of trigonometric functions containing the natural values of six trigonometric functions at 10" intervals from 0° to 360°, the cotangent and cosecant values at 1" intervals from 0° to 3°05' and the value of $\sin^2 \frac{\alpha}{2}$ and $\tan^2 \frac{\alpha}{2}$ from 0° to 180°] Snestiznachnye tablitsy trigonometricheskikh funktsii; soderzhashchie natural'nye znachenia shesti trigonometricheskikh funktsii cherez kazhdye 10" ot 0 do 360°, znachenia kotangensov i kosekansov cherez 1" ot 0 do 3°05' i znacheniiia $\sin^2 \frac{\alpha}{2}$ i $\operatorname{tg}^2 \frac{\alpha}{2}$ ot 0° do 180°. Izd.2., ispr. Moskva, Nauka, 1984. 372 p. (MIRA 18:2)

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SOV/176-58-7-17/17

AUTHORS: Alekseyev, N., Lieutenant Colonel; Gavrilin, V., Major; Myshak, F., Colonel; Khrenov, N., Engineer-Colonel; Lorberg, A.

TITLE: The Readers' Opinion About the Book "Engineering Work in Positions" (Chitateli o knige."Inzhenernye raboty na pozitsiyakh").

PERIODICAL: Voyenno-inzhenernyy zhurnal, 1958, Nr 7, pp 44-48 (USSR)

ABSTRACT: The authors review the book by S. Ye. Gerbanovskiy - Engineering Work on Positions, published by the Military Publishing of MO SSSR in 1957, pp 179.

Card 1/1

KHRENOV, N. elektroniker; RAGOV, V. elektroniker
APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722320013-1"

Simple device for switching on electric lighting. Zhil.-kom.khoz.
11 no.6:15-16 Je '61. (MIRA 14:7)
(Electric switchgear) (Automatic timers)

KHRENOV, N. I.

USSR/Miscellaneous-Textiles

Card 1/1

Authors : Khrenov, N. I., Head of the Construction Board and Vilenskii, M. I.
engineer

Title : New construction for the cotton textile industry

Periodical : Nauka i Zhizn' 21/4, 6-8, April 1954

Abstract : In 1953 more than five billion meters of cotton cloth were produced in the Soviet Union, which is 30 percent more than in 1940, but this is still not sufficient and expansion is going on, including the building of new factories at some fifteen different locations. The aim is to increase production 70 percent by 1956. The author explains the processes of spinning, weaving and dyeing.

Institution : Ministry Industrial Goods, USSR

Submitted :

ZUBKOV, Ye.P.; KHRENOV, N.M., vetvrach; GORDIYENKO, N.A.

Vaccination of swine against cholera and erysipelas over a brief period of time. Veterinariia 36 no.11:18-18 N '59 (MIRA 13:3)

1. Direktor svinootkormochnogo khozyaystva g. Eherson (for Zubkov).
2. Direktor mezhsovkhoznoy vетbaklaboratorii, g. Eherson (for Gordiyenko).

(Hog cholera) (Erysipeloid) (Vaccination)
(Swine--Diseases and pests)

AKHMEDOV, A.M., prof.; DUSTOVA, R.T., aspirant; BELOV, Ye.M., kand. veterin. nauk; ANTONOVA, M.Ye., kand. veterin. nauk; NOSKOV, A.I., kand. veterin. nauk; LIPINA, A.N., aspirant; SIMONOV, A.P., aspirant; BOCHAROV, D.A., kand. sel'skokhoz. nauk; KHRENOV, N.M., assistent

Sanitary and veterinary hygiene. Veterinariia 41 no.4:89-100
Ap '64. (MIRA 17:8)

1. Samarkandskiy sel'skokhozyaystvennyy institut (for Akhmedov, Dustova). 2. Nauchno-proizvodstvennaya laboratoriya po bor'be s boleznyami molodnyaka sel'skokhozyaystvennykh zhivotnykh Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov RSFSR. (for Antonova). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii (for Noskov). 4. Institut zhivotnovodstva Ministerstva sel'skogo khozyaystva Ussrskoy SSR (for Lipina). 5. Vsesoyuznyy institut gel'mintologii imeni akademika K.I. Skryabina (for Simonov). 6. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti (for Bocharov). 7. Khersonskiy sel'skokhozyaystvennyy institut imeni A.D. TSyurupy (for Khrenov).

ZAREMBO, L.K., kand. fiz.-mat. nauk; KARFOV, A.K., inzh.; LEGOSTAYEV, P.Ya., kand. tekhn. nauk; BRODSKIY, Yu.N., kand. tekhn. nauk; KHRENOV, N.S., inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; BRISMAN, A.A., kand. tekhn. nauk; GORODETSKIY, V.I., inzh.; NIKITIN, A.A., inzh.; GILL', B.V., inzh.; KRAYZEL'MAN, S.M., inzh.; DZHAFAROV, M.D., inzh.; LUNEV, A.S., kand. tekhn. nauk; NIKITENKO, Ye.A., inzh.; YERSHOV, I.M., kand. tekhn. nauk; ZAYTSEV, Yu.A., inzh.; MAGAZANIK, Ya.M., inzh.; SHAROVATOV, L.P., inzh.; RABINOVICH, Z.Ya., inzh.; BIBISHEV, A.V., inzh.; ASTAKHOV, V.A., dots.; KOMYAGIN, A.F., kand. tekhn. nauk; ANDERS, V.R., inzh.; SERGOVANTSEV, V.T., kand. tekhn. nauk, dots.; UTKIN, V.V., inzh.; KUZNETSOV, P.L., inzh.; MAMAYEV, M.A., inzh.; SVYATITSKAYA, K.P., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p.
(MIRA 15:4)
(Gas, Natural--Transportation)

Khrenov, P. M.

15-57-5-5748

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5,
p 6 (USSR)

AUTHORS: Pavlovskiy, Ye. V., Khrenov, P. M., Belichenko, V. G.

TITLE: Ancient Strata of the Barguzin-Vitimskiy Region in the
Transbaikalia (Drevniye tolshchi Barguzino-
Vitimskogo rayona Zabaykal'ya)

PERIODICAL: V sb: Voprosy geologii Azii. Vol 1, Moscow, Izd-vo
AN SSSR, 1954, pp 629-648.

ABSTRACT: Bibliographic entry

Card 1/1

Khrenov P.M.

Petrographic relations of tungsten ore formation. P.M. Khrenov (Geol. Inst., East-Siberian Branch Acad. Sci. U.S.S.R., Irkutsk). *Doklady Akad. Nauk S.S.R.* 100, 981-3(1955).—The occurrence of quartz-scheelite veins is connected with metamorphic sediments of Upper-Proterozoic age, especially calcareous phyllites, marbles, siliceous and graphite carbonate schists, etc., in which Calcedonian intrusions appear. The scheelite mineralization occurs, especially in the marbles, while the quartz veins are abundant in the schists. The thickness of the ore veins varies between 1 or 2 cm. and 1 m. The contacts of the marble with the veins are normally quartz-impregnated to a depth of 2 to 10 cm., followed by an intense tremolitization in 3 to 6 cm. depth. More subordinate are impregnations with galena, pyrite, chalcopyrite, sphalerite, tennantite, fluorite, etc. The mineralization of the schists is restricted to some mica formation of a depth of 2 to 3 cm. Scheelite is always idiomorphic in relation to the quartz but often replaced by younger quartz and sulfides. There is no distinct enrichment in scheelite in the central parts or on the rims of the veins. In the schists, scheelite is entirely absent and the sulfides are subordinate. W. Eitel

H
KRENOV, P. M. Cand Geol-Min. Sci -- (diss) "Principal Features of
the Geology and Rare-Metal Mineralization of the Central Part of
the Ikatsk ~~Range~~ Range (Western Transbaykal)." Irkutsk, 1956.

21 pp 20 cm. (Min of Higher Education USSR, Irkutsk State Univ im
A. A. Zhdanov), 115 copies (KL, 17-57, 95)

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KHREBTOV, P.M.

ODINTSOV, N.N.; VLORENSOV, N.A.; KHREBTOV, P.M.

Some geological features in the distribution of mineral resources
in the southern part of Eastern Siberia. Izv.vost.fil. AN SSSR
no.2:29-42 '57. (MLRA 10:9)

1. Vostochno-Sibireiskiy filial Akademii nauk SSSR.
(Siberia, Eastern--Geology) (Mines and mineral resources)

Khrenov, P.M.

AUTHOR	<u>Khrenov, P.M.</u>	20-4-41/60
TITLE	On the Relation Existing Between Skarns and Greysens. (<i>K voprosu o sootnoshenii skarnov i greyzensov.</i>)	
PERIODICAL	Doklady Akademii Nauk SSSR, 1957, Vol. 115, Nr 4, pp. 777-779 (USSR)	
ABSTRACT	Interrelations between ore-containing skarns and greysens may be noticed in the Amol' ore deposit, in the interfluvial region between Vitim and Vitimkan (northwestern Transbaykalia). Rocks of the upper Proterozoic carbonate-slate suite participate in the geological structure of the deposit, interrupted by massives of early Caledonian biotite granites. These latter form 2 massives (2,5 and 3,8 km ²). In the outer portions, thanks to the assimilation of the side rocks, they change over to granodiorites and quartzdiorites. A different metamorphism of sedi- mentary and magmatic formations takes place in this deposit. The "cycle" of the contact metamorphism in the carbonate - slate suite manifests itself in a gradual modification of the mineral associations	

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On the Relation Existing Between Skarns and Greysens.

which form certain "temperature - equilibrium steps". During the high and middle temperature stages of postmagmatic activity "contact - reaction formations" and phenomena of a "by-contact extraction" are widespread. In the contact of the calcareous - silicate hornblendes with the granites develop "bimetasomatic skarns". In the massive of biotite granites the processes of high-temperature by-contact leaching (extraction) are represented by autometamorphism which took place as well without essential modification of the chemical composition of the rocks as on the way of metamorphism under formation of greysen. On the basis of what has been said and as a result of further thorough analysis the author thinks that there doubtless exists a genetic relation between the skarns (of infiltration, by-cracks and by-veins) and greysens. The problem of the genetic relation of the phenomena of bimetasemesis (carbonate medium - granitoid) with the autometamorphism of granitoids rises. These two processes take place in two separate media, but they form simultaneous stages of the development of a magma reservoir. The latter gave off postmagmatic

CARD 2/4

20-4-41/60

On the Relation Existing Between Skarns and Greysens.

solutions that favored the formation of skarns and greysens. It is known that there mostly exists no indication of skarn-formation in the primary constants (? misprint, should read contacts, abstractor's remark) of granitoids with limestones and dolomites in those sections where no autometamorphism occurs. Moreover the contact-filtration skarns are usually the most valuable among the mineralized skarns. They are connected with the strongest influence of postmagmatic solutions in the crack zones. It seems to the author that this conclusion may also be entirely applied to the zones of by-crack greysens that form under analogous conditions but in an aluminosilicate medium. He further thinks that a continued study of this problem may lead to interesting conclusions in the field of the theory of ore formation.

There are 1 figures and 7 Slavic references.

CARD 3/4

20-4-41/60

On the Relation Existing Between Skarns and Greysens
APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722320013-1"

ASSOCIATION: Institute for Geology of the East-Siberian branch
AN USSR
(Institut geologii Vostochno-Sibirskogo filiala
Akademii nauk SSSR)

PRESENTED: By D.S. Korshinskiy, Academician, March 12, 1957

SUBMITTED: March 9, 1957

AVAILABLE: Library of Congress.

CARD 4/4

ODINTSOV, M.M.; FLORENOV, N.A.; KHRENOV, P.M.

Distribution of mineral resources in the geological structure of Eastern
Siberia. Trudy Vest.v Sib. fil. AN SSSR no.14, p.36. '58. (MIRA 12:3)
(Siberia, Eastern--Geology, Structural)
(Siberia, Eastern--Mines and mineral resources)

BELICHENKO, V.G.; KHRENOV, P.M.; CHERNOV, Yu.A.

Late molasses of the early Caledonian geosyncline in the inner part
of the Baikal mountain area. Dokl.AN SSSR 138 no.6:1405-1408 Je
'61. (MIRA 14:6)

1. Vostochno-Sibirskiy geologicheskiy institut Sibirskego otdeleniya
AN SSSR. Predstavleno akademikom N.M.Strakhovym.
(Vitim Plateau—Geology, Stratigraphic)

KHRENOV, P.M.

Metamorphism of rocks in the Amol'skoye ore deposit (northwestern Transbaikalia). Trudy VSGI Ser.geol. no.5:178-200 '62.

(MIRA 15:9)

1. Vostochno-Sibirskiy geologicheskiy institut Sibirskego otdeleniya AN SSSR.

(Vitim Valley—Metamorphism (Geology))

(Vitimkan Valley—Metamorphism (Geology))

BELICHENKO, Valentina Georgiyevna; KOMAROV, Yuriy Vasil'yevich; MUSIN, Yuriy Vasil'yevich; ~~CHIRENOV~~, Petr Mikhaylovich; CHERNOV, Yuriy Alekseyevich; FLORENOV, N.A., otv.red.; SOLODOV, N.A., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Outline of the geology and petrography of the southern margin of the Vitim Plateau (northwestern Transbaikalia)] Geologo-petrograficheskii ocherk iuzhnoi okrainy Vitimskogo ploskogor'ia (Severo-Zapadnoe Zabaikal'e). Moskva, Izd-vo Akad.nauk SSSR. 1962. 166 p. (Akademija nauk SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy, no.8).

(MIRA 16:2)
(Vitim Plateau—Geology)

SUDOVIKOV, N.G.; KHRENOV, P.M.

Sixth session of the Association on the Study of Crustal Subsurface
Zones. Izv. AN SSSR. Ser.geol. 28 no.6:133-136 Je '63.
(MIRA 16:8)
(Earth—Surface)

KOMAROV, Yu.V.; KHRENOV, P.M.

Type of development of continental Mesozoic structures in Eastern Asia. Dokl. AN SSSR 151 no.4:911-914 Ag '63. (MIRA 16:8)

1. Vostochno-Sibirskiy geologicheskiy institut Sibirskego otdeleniya AN SSSR. Predstavleno akademikom A.L.Yanshinyem.
(Far East--Geology, Structural)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1

KHRENOV, P.M.; CHERNOV, Yu.A.; SHERMAN, S.I.

Conference of young geologists of the Institute of the Earth's Crust.
Geol.i geofiz. no.7:117-119 '63.
(MIRA 16:10)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1"

PAVLOVSKIY, Ye.V., doktor geol.-mineral.nauk; KHRENOV, P.M., kand.
geol.-mineral.nauk

Geological excursion in the French Pyrenees. Vest. AN SSSR
34 no. 2:74-78 F '64.
(MIRA 17:5)

PAVLOVSKIY, Ye.V.; KHRENOV, P.M.

Seventh session of the International Association of the Geological Study of Crustal Subsurface Zones, AZOFRO, (French Pyrenees). Izv. AN SSSR Ser. geol. 29 no.38116-120 Mr³64 (MIRA 1783)

BELICHENKO, V.G.; KHRENOV, P.M.

Baikal Caledonian structures. Izv. AN SSSR. Ser. geol. 30
no.11:72-85 N '65. (MIRA 18:12)

1. Institut zemnoy kory Sibirs'kogo otdeleniya AN SSSR, Irkutsk.
Submitted October 30, 1964.

KHRENOV, T.

A year later. Zhil.-kom. khoz. 13 no.4:4-5 Ap '63. (MIRA 16:5)

1. Nachal'nik otdela tekhnicheskoy ekspluatatsii Zhilishchnogo
upravleniya Moskovskogo gorodskogo soveta deputatov trudyashchikhsya.
(Moscow--Apartment houses--Maintenance and repair)

ZHDANOV, G.B., *glav. red.*; IVANENKO, I.P., *pom. *glav. red.**; GERASIMOVA,
N.M., *red. toma*; NIKISHOV, A.I., *pom. *red. toma**; ZATSEPIN, V.I.,
red.; KHICENOV, V.A., *red.*; DOKMAN, L.I., *red.*; TULINOV, V.F.,
red.; SYROVATSKIY, S.I., *red.*; FEDOROV, V.M., *red.*; VAVILOV, Yu.N.,
red.; ABROSIMOV, A.T., *red.*;

Proceedings of the Moscow Cosmic Ray Conference. July 6-11,
1959. Moscow. Vol.1. 1960. 333 p.
(No subject heading)

ZHDANOV, G.B., *glav. red.*; IVANENKO, I.P., *pom. glav. red.*; ZATSEPIN,
V.I., *red. toma*; KHRENOV, V.A., *pom. red. toma*; GERASIMOVA,
N.M., *red.*; NIKISHOV, A.I., *red.*; DORMAN, L.I., *red.*; TULINOV,
V.F., *red.*; SYROVATSKIY, S.I., *red.*; FEDOROV, V.M., *red.*;
VAVILOV, Yu.N., *red.*; ABROSIMOV, A.T., *red.*

Proceedings of the Moscow Cosmic Ray Conference, July 6-11, 1959. Moscow.
Vol. 2. Extensive air showers and cascades process. 1960. 331 p.
(No subject heading)

ZHDANOV, G.B., glav. red.; IVANENKO, I.P., pom. glav. red.;
SYROVATSKIY, S.I., red. toma; GERASIMOVA, N.M., red.;
NIKISHOV, A.I., red.p ZATSEPIN, V.I., red.; KHRENOV, V.A.,
red.; DORMAN, L.I., red.; TULINOV, V.F., red.; FEDOROV,
V.M., red.; VAVILOV, Yu.N., red.; ABROSIMOV, A.T., red.

Proceedings of the Moscow Cosmic Ray Conference, July 6-11, 1959. Moscow.
Vol. 3. 1960. 253 p.

(No subject heading)

ZHDANOV, G.B., *glav. red.*; IVANENKO, I.P., *pom. *glav. red.**; DORMAN,
L.I., *red. toma*; TULINOV, V.F., *pom. *red. toma**; GERASIMOVA,
N.M., *red.*; NIKISHOV, A.I., *red.*; ZATSEPIN, V.I., *red.*; KHRENOV,
V.A., *red.*; SYROVATSKIY, S.I., *red.*; FEDOROV, V.M.,
red.; VAVILOV, Yu.N., *red.*; ABROSIKOV, A.T., *red.*

Proceedings of the Moscow Cosmic Ray Conference, July 6-11,
1959. Moscow. Vol.14. Variations of cosmic-ray intensity.
1960. 365 p.

(No subject heading)

KHRENOV, V.I. (Moskva)

Organization and planning of school nutrition [with summary in English]. Vop.pit. 18 no.1:61-68 Ja-F '59. (MIRA 12:2)
(NUTRITION,
in schools (Rus))
(SCHOOLS,
food serv. (Rus))

GALOCHKINA, G.S.; KHRENOV, V.I.; VAGANOVA, N.A., red.; GROMOV, A.S.,
tekhn. red.

[Plastics in public food service and trade enterprises]
Plastmassy v predpriatiakh torgovli i obshchestvennogo
pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 119 p.
(Plastics) (MIRA 15:2)
(Restaurants, lunchrooms, etc.--Equipment and supplies)

KHRENOV, V. I.

Study gained experience, coordinate the operations; designer's notes. Obshchestv. pit. no.12:43-45 D '62.

(MIRA 16:1)

1. Glavnnyy tekhnolog Instituta po proyektirovaniyu vneshnego blagoustroystva i ozeleneniyu Moskvy.

(Restaurants, lunchrooms, etc.—Design and construction)

KHOKHNOV, G.N.

KHOKHOVA, G.N.; PERETRUKHIN, F.I.

Mechanization of hemp processing. Tekst.prom.15 no.8:45-46 Ag'55.
(Hemp) (MLRA 8:11)

Khrenova G.S.

Problems in assaying antibiotic activity of soils. G. S.
Khrenova. *Mikrobiologiya* 22, 675-7(1963).—Mortality of
clover infected with *Fusarium idaei* was 60, 64, 88, and 99%
in 4 tests with sterilized soil; 29, 31, and 40% in 3 tests with
raw soil; 24, 58, and 64% with raw:sterile soil 8:1; 34, 64,
and 68% at 1:1; 58% at 1:2; 62 and 66% at 1:4. Other
factors were excluded in these expts.; evidently the raw soil
contained antibiotics. Julian F. Smith

KHRENOVA, G.S.

Determination of the antagonistic capacity of the soil. Mikrobiologiya
32 no.6:675-677 M-D '53. (MLRA 6:12)

1. Ural'skiy filial Akademii nauk SSSR, Institut biologii.
(Soils--Bacteriology)

KHRENOVA, G.S.

Physiological and biochemical characteristics of wood-decaying
fungi. Trudy Inst. biol. UFAN SSSR no.5:111-118 '54.
(Wood-decaying fungi)

(MLRA 8:5)

KHRENOVA, G. S., Cand Biol Sci -- (diss) "Certain soil microbes - antagonists of the agents of fusariosis of clover under conditions of Sverdlovskaya Oblast." Sverdlovsk, 1958. 15 pp (Acad Sci USSR, Inst of Microbiology), 120 copies (KL, 17-58, 107)

- 22 -

KHRENOVA, G.S.

Biology of the fungus Trichoderma lignorum antagonistic to Fusarium species. Trudy Inst. biol. UFAN SSSR no. 15:83-96 '60.

(MIRA 13:10)

(FUNGI, PHYTOPATHOGENIC) (BACTERIAL ANTAGONISM)

KHRENOVA, G.S.

Antagonistic action of soils on fungi of the genus Fusarium. Trudy
Inst. biol. UFAN SSSR no. 15:97-105 '60. (MIRA 13:10)
(FUNGI, PHYTOPATHOGENIC) (SOIL BIOLOGY)

DEMIDOVA, Z.A.; KHRENOVA, G.S.

Emulsion prepared from by-products of the benzol industry and its
toxic properties upon house fungi. Trudy Inst. biol. UFAN SSSR
no.17:123-127 '60. (MIRA 14:4)
(WOOD-DECAYING FUNGI) (WOOD PRESERVATIVES)

AT THE MFA, 1956.

AFONCHIKOV, P.A.; HERNIKOVA, T.P.; KHRONOVA, L.I.

Straightening the sliver on the stand of a combing machine. Tekst.
prom. 16 no.11:25-26 N '56. (MIRA 9:12)

1. Professor Ivanovskogo tekhnologicheskogo insituta.
(Combing machines)

AUTHORS: Samsonov, G. V., Nespor, V. S. and Khrenova, L. M.

TITLE: Hardness and Brittleness of Compounds of a Metallic Nature (Tvrzost a křehkost sloučenin kovového charakteru)

PERIODICAL: Hutnické Listy, 1959, Nr 6, pp 484-489 (Czechoslovakia)

ABSTRACT: This is a revised version of a lecture given by Candidate of Technical Sciences G. V. Samsonov in Prague in the Spring of 1958. The high hardness of compounds of a metallic nature like carbides, nitrides, borides and silicides of the transient metals of the fourth to the eighth group of the periodic system is one of the most characteristic properties of these substances. In view of the high brittleness of these compounds, microhardness measurement appears to be the only suitable method of investigating their hardness. Earlier results obtained by the authors of this paper and other authors were published in earlier work (Refs 1 and 2). In this paper the authors describe their studies on the influence of loading of the diamond pyramid during measurement of the microhardness by the Soviet PMT-3 instrument on the measured microhardness values; the brittleness of the substances was evaluated

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Hardness and Brittleness of Compounds of a Metallic Nature

from the character of the indentation on the surface of test specimens during the indentation with the pyramid. The measured values of the microhardness, $H_m \text{ kg/mm}^2$, obtained with loads of 20 to 200 g and of the micro-brittleness Z for 31 carbides, nitrides and silicides are entered in Table 1, p 485. The microhardness studies of very hard substances, described in the paper, prove that a clearly defined relation exists between the microhardness and the magnitude of the applied load and this can be clearly seen from the data entered in Table 1 and from the graphs, Figs 1-4. The brittleness of the compounds was measured by a microhardness method described by N. I. Ikornikova (Ref 15). The method consists of making imprints with a diamond pyramid with various loads and evaluating the number and the character of the produced cracks and other defects. The thus determined results are entered in Table 2, p 488. It was found that the dependence of the microhardness on the load is the same for materials with very high and with relatively low hardness values and appears to be

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Hardness and Brittleness of Compounds of a Metallic Nature

governed by the character of the plastic deformation of the surface of the hard materials during the micro-hardness measurements. The brittleness characteristics determined in the work described in this paper are in agreement with brittleness values determined for some compounds by other authors. The brittleness increases with decreasing square value of the deflection of the centre of the molecular complexes during thermal oscillations in the crystal lattices of the compounds, i.e. it increases if the strength of the interatomic bonds increases and if the stress relaxation in the material decreases. The hardness of compounds of a metallic nature increases in the following order: silicides, nitrides, carbides, borides, whilst the brittleness increases in the following order: silicides, borides, nitrides, carbides.

There are 10 figures, 2 tables and 19 references, 1 of Card 3/3 which is Czech, 16 Soviet, 2 English.

✓

15.2220

67696

18.6100

SOV/126-8-4-19/22

AUTHORS: Samsonov, G.V., Neshpor, V.S. and Khrenova, L.M.TITLE: Hardness and Brittleness of Metalloid CompoundsPERIODICAL: Fizika metallov i metallovedeniye, 1959, Vol 8, Nr 4,
pp 622-630 (USSR)

ABSTRACT: Specimens of Ti^1 , Zr^1 , Cb^1 , Ta^1 , Cr^1 , Mo^1 , W^1 , Ca^1 , Ba^1 , La^1 and
 Ce^1 borides and Ti , Zr , Cb , Ta , Cr , Mo , W , Fe^1 , Co^1 and Ni^1
silicides, of limiting phase composition, were made by
sintering powders of these compounds by hot pressing
with subsequent long annealing at a high temperature in
order to remove internal stresses. Microsections made
from these specimens were etched in order to expose the
grain boundaries and to remove the surface layer which
had been cold worked during grinding. The microhardness
was tested with a PMT-3 instrument. Loads of 20-200 g
were used. The experiments have shown that the micro-
hardness numbers depend on the load used, and this
relationship is beyond the limits of accuracy of the
measurements. The relationship between microhardness
number and load was first established by Bochvar et al
(Ref 4) for relatively soft materials (Cu, Zn and Armco
iron). In other papers (Refs 5-7) the relationship

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Hardness and Brittleness of Metalloid Compounds

between microhardness numbers and load for other metallic and non-metallic materials was established. Gogoberidze et al (Ref 8) note that the relationship between microhardness number and load appears to be of a general nature, as the apparatus for testing the microhardness, even if specially regulated so as to indicate microhardness numbers for a given material which are independent of the load, nevertheless shows this relationship in the investigation of harder materials. However, other authors (Refs 9, 10) insist that the microhardness number is independent of the load applied. Investigations carried out in this work of the microhardness of very hard materials have confirmed in all cases the existence of a definite relationship between microhardness numbers and load applied (Figs 1-4). In order to estimate the brittleness of metalloid compounds a micro-brittleness method was used (having been first suggested by Ikonnikova, Ref 15) for the estimation of the brittleness of carborundum. The essence of this method consists in taking impressions of the diamond pyramid of the PMT-3 instrument at various loads and ✓

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Hardness and Brittleness of Metalloid Compounds

estimating the number and nature of cracks and other defects thereby arising. In order to lower the subjectiveness of this estimation a so-called average brittleness mark is introduced, which is calculated according to the degree of destruction shown by the impression. The estimation of the degree of destruction is carried out according to a 5-mark scale (see Fig 5 and Table 1). Figs 6 and 7 show the dependence of the summary mark of destruction of borides and silicides, respectively, on load. Table 2 shows the brittleness characteristics of metalloid compounds. The authors arrive at the following conclusions: The microhardness number depends on the load at which the investigation is carried out. The nature of the relationship between microhardness number and load of materials with very great and comparatively low hardness is identical and appears to be due to the nature of plastic deformation of the surface of hard bodies in microhardness testing. The brittleness characteristics of metalloid compounds obtained by the microbrittleness methods in this work agree satisfactorily

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Hardness and Brittleness of Metalloid Compounds.

with those obtained by the author earlier for several compounds. The brittleness of compounds increases with decrease in mean square displacement of molecular complex centres in the crystal lattices of the compounds, i.e. with increase in rigidity in the interatomic bond and with decrease in the possibilities of stress relaxations in the material. The hardness of metalloid compounds increases in the order silicide-nitride-carbide-boride, and the brittleness increases in the order silicide-boride-nitride-carbide.

Card
4/4 There are 7 figures, 2 tables and 18 references, of which 16 are Soviet and 2 English.

ASSOCIATION: Institut metallokeramiki i spetsial'nykh splavov
AN USSR

(Institute of Metalloceramics and Special Alloys,
Ac. Sc. Ukr.SSR)

SUBMITTED: November 1, 1958

ACCESSION NR: AP5012330

UR/0286/64/000/022/0085/0085

AUTHOR: Khrenova, M. B.; Mayorov, A. D.; Kononova, T. N.; Nikitin, A. Ya.

TITLE: Dust filter case. Class 61, No. 166577

SOURCE: Byulleten' izobreteniij i tovarnykh znakov, no. 22, 1964, 85

TOPIC TAGS: industrial filter

Translation: A patent for a filter case which contains a cover, housing, valve case and rod. In order to simplify manufacture and facilitate replacement of the filtering elements, the housing is made as a single unit with a valve casing and guide rod for the breather valve. 2. A case of this description in which the diameters of the cover and housing are chosen in such a way that the edges of the filter are pressed between them so that the unit will be airtight. Orig. art. has: 1 figure.

ASSOCIATION: Predpriyatiye gosudarstvennogo komiteta khimicheskoy promyshlennosti pri GOSPLANE SSSR (Enterprise of the State Committee on the Chemical Industry Connected with GOSPLAN, SSSR)

Card 1/2

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1

ACCESSION NR: AP5012330

SUBMITTED: 00

ENCL: 00

SUB CODE: IC

NO REF Sov: 000

OTHER: 000

JPRS

Card 3/2

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1"

ACC NR: AP7005680

SOURCE CODE: UR/0413/67/000/002/0155/0155

INVENTOR: Smirnov, V. F.; Khrenova, M. V.; Kalyukina, O. A.

ORG: None

TITLE: A method of making folded smoke filters. Class 61, No. 190781

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 155

TOPIC TAGS: gas filter, gas mask component, smoke, respirator

ABSTRACT: This Author's Certificate introduces a method of making folded smoke filters for compact gas masks (respirators) with a box of circular cross section by forming sheet material into a conical shape with subsequent folding. A cement-free airtight joint is made by winding a filtering material (e. g. made from synthetic fibers type FPA, FPP-15, etc.) on a tapered mandrel into two or more layers which overlap at the joint. The resultant shape is pressed by placing a second hollow tapered mandrel over it and applying a pressure of 8-10 kg.

SUB CODE: 13, 06/ SUBM DATE: 20Jul61

Card 1/1

UDC: 614.894

8/056/63/044/001/048/067
B102/B186

AUTHORS:

Demina, N. V., Yevteyev, V. L., Kovalenko, V. A., Solov'yev,
L. D., Khrenova, R. A., Ch'en Ts'ung-mo

TITLE:

Derivation of the photoproduction amplitude from the dispersion relations

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 44,
no. 1, 1963, 272-283

TEXT: Expressions for the low-energy photoproduction amplitudes of pions on nucleons are derived when nucleon recoil is taken into account and the possible influence of the unobservable region is considered. Only the S- and P-waves are taken, these being obtained from the one-dimensional dispersion relations by the usual integral method (which yields the integral amplitudes) and by a differential method based on an expansion of the amplitude, near the threshold of the momentum transferred (that yields the differential amplitudes). The latter method offers various advantages over the integral method. The formulas are simpler and the contribution of the unobservable region is not explicitly contained in them. In the

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S/056/63/044/001/048/067
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Derivation of the photoproduction ...

integral method, because of the narrow resonance, this contribution is very small below the resonance and very large above it; it is then comparable with the total contribution of the dispersion integral. A continuation into the unobservable region by way of a finite number of Legendre polynomials does not involve any notable errors in the partial amplitudes if the energy is below resonance, but above it the error increases with the energy. At 460 Mev, however, it is not higher than 1-2% for the contributions of the dispersion integrals in the S-wave amplitude and 10-20% in the P-wave amplitudes. The error arising in the differential method due to setting equal zero of the higher partial waves is ~1% for the dispersion integral contributions in the S-wave amplitudes and ~10% in the p-wave amplitudes. If nucleon recoil is ignored the differential and the integral methods yield the same results. If it is taken into account the results are very similar at low energies. The agreement between the theoretical results and experimental data is rather poor; for further investigations, it is suggested that $\pi\pi$ -interaction be taken into account. There are 5 figures. The most important English-language references are: L. D. Solov'yev et al. Nucl. Phys., 4, 427, 1957; 5, 256, 1958; J. S. Ball. Phys. Rev. Lett., 5, 73, 1960; G. F. Chew et al. Phys. Rev. 106, 1337.

Card 2/3

Derivation of the photoproduction ...

S/056/63/044/001/048/067
B102/B186

1957 and A. V. Yefremov et al. Nucl. Phys. 22, 202, 1961.

ASSOCIATION: Ob"yedinennyj institut yadernyh issledovanij (Joint Institute of Nuclear Research)

SUBMITTED: July 31, 1962

Card 3/3

KHRENNOVA, V.G.

Collective farm maternity hospitals in the Ukrainian S.S.R. Sov.
zdrav. 15 no.5 supplement:14 0 '56. (MLR 10:1)
(UKRAINE--HOSPITALS, GYNECOLOGIC AND OBSTETRIC)

KHRENOVA, V.G. (Moskva)

Rupture of the uterus during birth. Vel'd. i akush. 21 no.4;
27-30 Ap '56. (MIR 9:8)
(UTERUS--RUPTURE) (LABOR, COMPLICATED)

KHRENOVA, V.O. (Klyeyev)

Organization of prophylactic examinations of women. Sov.zdrav. 16
no.8:18-21 Ag '57. (MIRA 10:10)
(GYNECOLOGICAL DISEASES, prev. and control
periodic mass surveys)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1

~~KHRENOVA, V.G.~~

Hygiene of the puerperium. Zdorov'e no.8:30 Ag '58 (MIRA 11:?)
(PUERPERIUM)

APPROVED FOR RELEASE: 09/17/2001

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"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1

~~АИАЛ-МХФИУ~~
KHRENOVA, V.G. (Moskva)

Role of the midwife in rural areas. Fel'd. i akush. 23 no.1:40-43
Ja '58. (MIDWIVES)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722320013-1"

KHRENOVA, V.G. (Moskva)

Organization of obstetrical-gynecological service for workers in
industrial enterprises. Sov. zdrav. 19 no.6:35-37 '60.

(MIRA 13:9)

(OBSTETRICS) (GYNECOLOGY)
(MEDICINE, INDUSTRIAL)

KHRENOVA, V.G.; SILIN, D.D.

To treat is difficult, to prevent is easy. Zdorov'e 7 no.8:14-15
Ag '61. (MIRA 14:9)

1. Glavnyy spetsialist po akusherstvu i ginekologii Ministerstva
zdravookhraneniya SSSR (for Khrenova). 2. Starshiy spetsialist
epidemiologicheskogo otdela Ministerstva zdravookhraneniya SSSR
(for Silin).

(TOXOPLASMOSIS)

KHRENOVA, V.G., glavnnyy spetsialist po akusherstvu i ginekologii

Nursing a gynecological patient in a hospital. Med.sestra 21
no.12:41-44 D '62. (MIRA 16:4)

1. Iz Upravleniya spetsializirovannoy pomoshchi Ministerstva
zdravookhraneniya SSSR, Moskva.
(GYNECOLOGY) (NURSES AND NURSING)

KOVALEVA, Ye.P.; KHRNOVA, V.G.

Toxoplasmosis in ~~obstetrical~~ practice. Akush. i gin. 39 no.3:
48-51 My-Je '63
(MIRA 17:2)

1. Iz kafedry epidemiologii TSentral'nogo instituta usovernenii
shenstvovaniya vrachey.

KHRENOVA, V.G. [Khrenova, V.H.]

Effect of a complex obstetrical anamnesis on the development
of a rupture in the uterus. Ped. Akush. i gin. 24 no.6:62-64
'62. (MIRA 17:4)

1. Kafedra akusherstva i ginekologii vrachebnogo fakul'teta
(zaveduyushchiy - prof. L.S. Persyaninov) II Moskovskogo
meditsinskogo instituta.

KHRENOVA, V.G.

Uterine rupture. Akush. i gin. 39 no.5:110-112 S-0 '63.

(MIRA 17:8)

1. Iz kafedry akusharstva i ginekologii lechebnogo fakul'teta
(zav. - chlen-korrespondent AMN SSSR prof. L.S. Persianinov)
II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

Card 1/1

I. 60200-65 E#T(m)/EPF(c)/ENG(m)/ENB(j)/T Po-4/Pr-4 DS/WB/GS/JAJ/EM
ACCESSION NR: AT5019603 UR/0000/64/000/000/0041/0068

AUTHOR: Korotkov, A. A.; Marandzheva, Ye. N.; Khrenova, Z. A.

TITLE: Effect which contaminants in monomer and solvent have on kinetics of isoprene polymerization

SOURCE: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka. Polimerizatsiya izoprena kompleksnymi katalizatorami (Polymerization of Isoprene by complex catalysts). Moscow, Izd-vo Khimiya, 1964, 41-68

TOPIC TAGS: isoprene, polymerization, kinetics, inhibitor

ABSTRACT: Kinetics of isoprene polymerization was studied in the presence of 34 contaminants which are commonly encountered in commercial grade hydrocarbon solvents and in commercial isoprene. These contaminants were: cyclopentadiene, dimethyl formamide, butyl mercaptan, vinyl acetylene, isopropyl acetylene, dimethyl allene, methylsulphyl acetylene, acetylene, diethyl sulfide, acetonitrile, diethyl amid, carbon monoxide, diethyl ether, vinylethyl ether, water, thiophene, carbon disulfide, carbon dioxide, COS, ethyl alcohol, acetone, methylethyl ketone, H₂S, O₂, HCOOH, NH₃, dimethyl amide, 2,6-dimethyl-octatriene-1,3,6, pentene dimer, piperylene, iso-

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ACCESSION NR: AT5019603

butylene, trimethyl ethylene, methylethyl ethylene, and isopropyl ethylene. All experiments were conducted at 20°C in isopentane and petroleum ether solvents. The isoprene concentration was ~1.5 mol/l; the catalyst concentration was 0.008 mol/l; and the molar ratio of Al(iso-C₄H₉)₃:TiCl₃ = 1:1. Among the contaminants examined, the cyclopentane, dimethyl formamide butyl mercaptan, and acetylene derivatives were found to be polymerization inhibitors. Mechanistically, two extreme cases were considered: 1. contaminant reacts primarily with the catalyst active centers and does not interact with the active polymer growth chains, and 2. contaminant reacts with the active polymer growth chains and practically does not interact with the catalyst active centers. Orig. art. has: 3 tables, 14 figures, 2 formulas.

ASSOCIATION: none

SUBMITTED: 24Oct64

ENCL: 00

SUB CODE: MT, GC

NO REF Sov: 006

OTHER: 004

Card 2/2

KHRESINA, V.V., inzh.; CHERNOV, V.A., prof., doktor miner.nauk

Role of tannin in the process of thinning clay suspensions.
Trudy NIIStroikерамики no.13:14-29 '58. (MIRA 12:5)
(Ceramic materials) (Tannins)

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3. Master mekhanicheskikh masterskikh, stantsiya Orel, Moskovsko-Kursko-Donbasskoy dorogi (for Ivanov).
(Railroads--Snow protection and removal)

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✓ Khrgian, A. Kh., O gorno-dolonof tsikulatai. [Mountain-valley circulation.]
Visotskiy Geograficheskiy S"ezd, 2nd, Leningrad, 1947. Trudy, 2:211-212, 1948. DLE-
Caucasus by a special expedition of the Central Geophysical Observatory in 1946
during which observations near the ground and layer and just above the surface were made
at various altitudes and at different seasons. Characteristics of these winds were studied
at different heights and it was found that they were periodic in character with a period
of 24 hr. and during changing weather. It was found that the speed of the wind
was proportional to the speed of the mountain and a period of variation of 24 hr.
The speed of valley winds depends on the altitude.

1. Mountain winds 2. Laws of change in mountain winds
3. Upper air wind observations 4. Circulation theory 5. Caucasus Mountains 6. U.S.S.R. 7. M.P.

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